



CDV Range

DATA SHEET

Vandal Resistant Domes with integrated lens



- 1/3" and 1/4" IT CCD
- Ceiling and Wall mount options
- Line lock with phase adjustment
- Backlight compensation
- Automatic gain control
- Unique 3 axis gimble
- Impact and scratch resistant polycarbonate bubble
- Weatherproof (IP65) alloy body
- Dual power operation: 12VDC/24VAC

The CDV Vandal Resistant Dome range provide perfect solution for surveillance projects where the cameras are prone to abuse. The dome is made of glass reinforced nylon body polycarbonate bubble with an IP65 rating and is suitable for both indoor and outdoor applications.

The domes are available as either Day/Night (high resolution), Colour and Mono (standard resolution) All units come with low voltage input, allowing either 12Vdc or 24 Vac.

The Day/Night dome camera is complete with 3.0-9.0mm auto iris high speed varifocal lens providing optimum performance in demanding lighting conditions. The Colour and Mono cameras comes with integrated 3.8mm fixed lens.

Further setup can be achieved by selecting the switches on the camera body. These include backlight compensation, AGC on/off, auto white balance/auto white tracing.

Models available in this range

CDVNH-39CM	High Resolution Day/Night, Ceiling mount, 3.0-9.0mm
CDVNH-39WM	High Resolution Day/Night, Wall mount, 3.0-9.0mm
CDCV-4CM	Standard Resolution Colour, Ceiling mount, 3.8mm
CDCV-4WM	Standard Resolution Colour, Wall mount, 3.8mm
CDV-4CM	Standard Resolution Mono, Ceiling mount, 3.8mm
CDV-4WM	Standard Resolution Mono, Wall mount, 3.8mm

Impact and scratch resistant domes designed to be the bench mark for toughness





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TECHNICAL SPECIFICATION

Model	CD-VNH-39	CDCV-4	CDV-4
Focal Length	3.0-9.0mm	3.8mm	
Scanning System	2:1 interlace		
Scanning Frequency (H/V)	15.734KHz / 59.9Hz	15.750KHz / 60Hz	
TV System	Colour/Mono	PAL (NTSC is also available) *	CCIR
Image Sensor	1/3" IT CCD	1/4" IT CCD	
Iris	F1.0 - 360 (DC auto iris)	F1.2	
Field of View	D: 88.2.0° ~ 28.2° H: 69.0° ~ 22.6° V: 50.8° ~ 17.0°	-	
Effective Elements	768(H) x 494(V)	510(H) x 492(V)	
Resolution (horizontal)	480 TVL (Col) / 500 TVL (B&W)	330 TVL	380 TVL
Minimum Illumination	0.6 Lux (Col) / 0.3 Lux (B&W)	1.2 Lux	
S/N Ratio	>48dB (AGC off)		
Backlight Compensation	Yes		
Sync. System	INT. / L.L.		
Gamma Characteristic	0.45		
White Balance	ATW	-	
Video Output	1.0Vpp, 75ohm unbalanced		
ATW Range	2700K to 9100K	-	
Water Resistance	IP 65		
AGC	Auto		
Power Supply	12 V DC/ 24 V AC		
Power Consumption	3.0W (Max)		
Operation Temperature	-5°C ~ +40°C		
Storage Temperature	-10°C ~ +50°C		
Bubble Thickness	2mm Polycarbonate		
External Dimensions	136(D)mm x 92 (H)mm		
Weight	1070g		

